

Fig. 1

Block diagram of BS architecture when using smart antennas with a grid of fixed downlink beamforming.

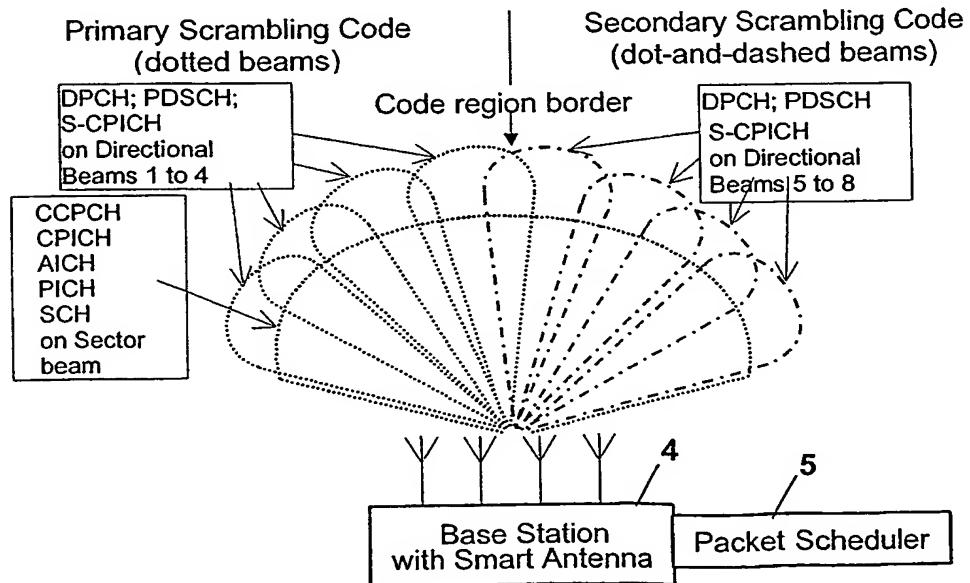


Fig. 2

Beam allocation of primary and secondary scrambling code, physical channels carrying data, and common broadcast channels, in case of cell splitting.

Rec'd PCT/PTO 03 DEC 2004

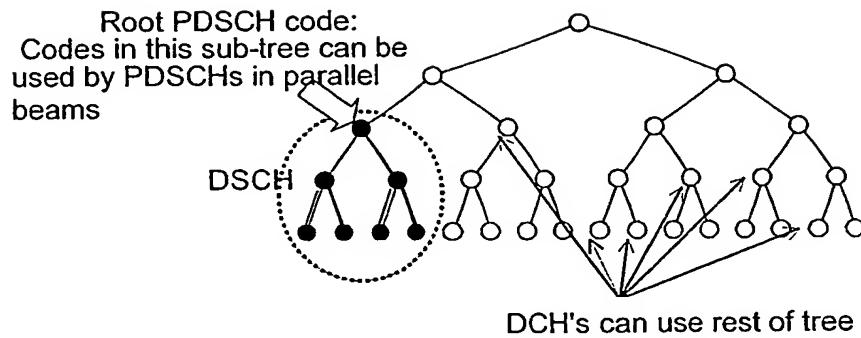
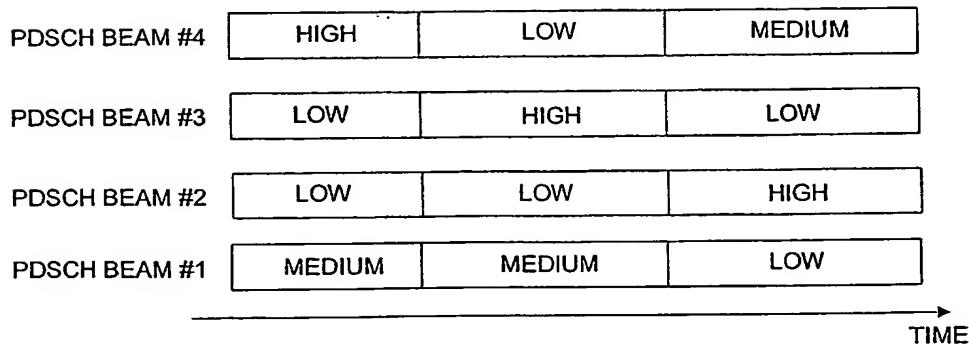
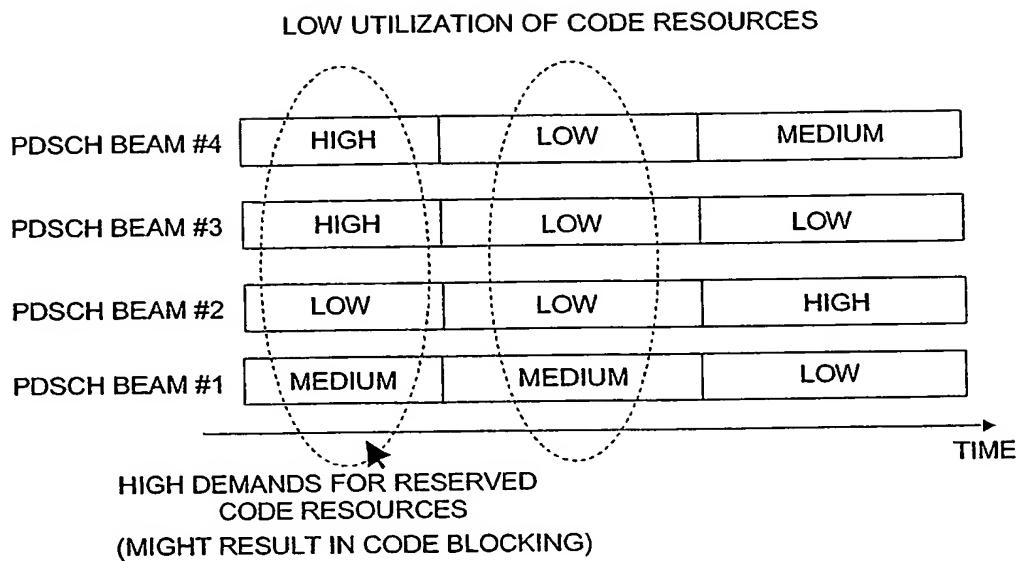
**Fig. 3**

Illustration of channelization code tree for use under one scrambling code

**Fig. 4**EXAMPLE OF SMART PARALLEL PACKET SCHEDULING  
FOR OPTIMIZED CODE RESOURCE ALLOCATION

Rec'd PCT/PTO 03 DEC 2004



**Fig. 5**  
EXAMPLE OF POOR UN-COORDINATED PACKET SCHEDULING